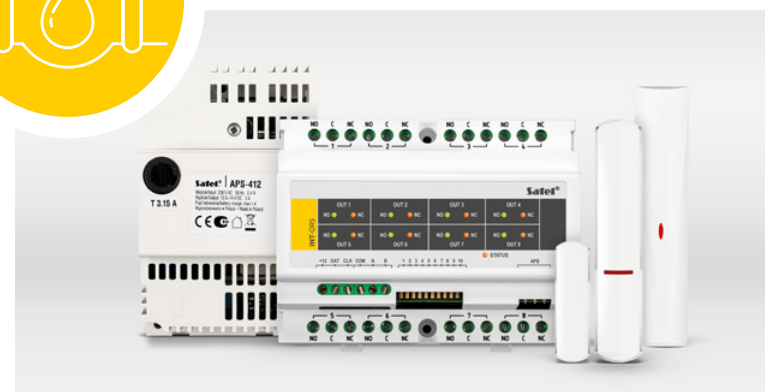
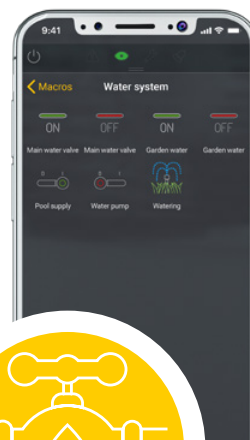


Integra

CONFIGURATION EXAMPLE



WATER VALVE
control

Combining security and comfort functionalities within a single system is cost-effective and convenient for the users. Because devices that are part of the alarm system are being used in a double role, you can get greater efficiency of the entire installation.

WATER VALVE control

An advanced alarm system, in addition to detecting intrusion, can also react to other threats, flooding included. To this end, water flood detectors should be installed in rooms where leaks may occur, e.g. from the hydraulic system. If they detect a leak, they will send a signal to the control panel. The latter can notify selected people, to enable them to respond quickly and cut off the water supply. The control panel can also do it automatically, if you connect a solenoid valve to it, mounted on the pipe supplying water to the building. If a trouble occurs in any of the rooms supervised by flood detectors, the solenoid valve will be closed, protecting your property from damaging water leaks.

You can also close this valve remotely, before going on holiday.

Implementation example:

The demo installation has been equipped with wired water flood detectors, arranged so as to quickly detect any water leak if flooding occurs in the kitchen or bathroom. In the boiler room, a wireless flood detector has been installed instead. An electrically operated valve has been installed on the house water supply pipe. In order to avoid unnecessary risk, the control panel can use this valve to completely cut off the water supply when there is no one at home.

Principle of operation:

- Signal from the **FD-1** flood detectors located in the bathroom and kitchen is transmitted to the **INTEGRA 128 Plus** control panel.
- Signal from the **AXD-200** flood detector located in the boiler room is sent to **ACU-280** ABAX 2 wireless system controller, and from there to the **INTEGRA 128 Plus** control panel.
- The control panel, using the **INT-ORS** expander, controls the solenoid valve, which shuts off the water supply to the home hydraulic system.
- The **INT-ORS** expander is powered by the **APS-412** external backup power supply, thus the control panel identifies **INT-ORS** as an expander with a power supply and can receive information on the power supply status.
- The **APS-412** power supply is also used to power the solenoid valve coil.
- The backup power supply unit has a battery connected, which serves as a backup source of power if a mains power failure occurs.

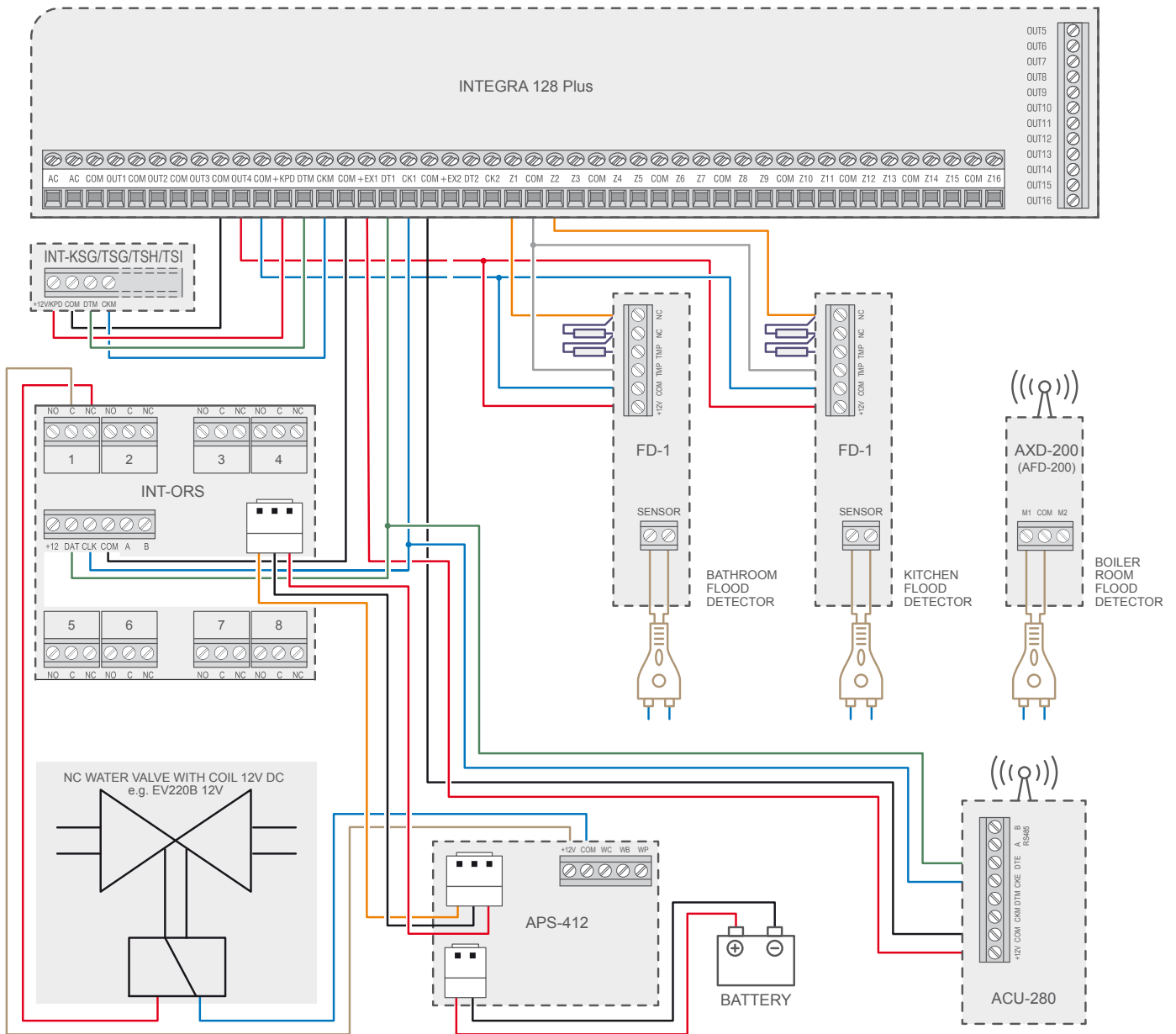
Configuration of wireless zones

Configuration of zones

Configuration of outputs

On the next page there is an example of the device connection diagram. →

Device connection diagram



This diagram is just an example and contains only some of the devices included in the system described herein.

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